



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

SCIENCE

EDITORIAL COMMITTEE: S. NEWCOMB, Mathematics; R. S. WOODWARD, Mechanics; E. C. PICKERING, Astronomy; T. C. MENDENHALL, Physics; R. H. THURSTON, Engineering; IRA REMSEN, Chemistry; J. LE CONTE, Geology; W. M. DAVIS, Physiography; O. C. MARSH, Paleontology; W. K. BROOKS, Invertebrate Zoölogy; C. HART MERRIAM, Vertebrate Zoölogy; S. H. SCUDDER, Entomology; N. L. BRITTON, Botany; HENRY F. OSBOEN, General Biology; H. P. BOWDITCH, Physiology; J. S. BILLINGS, Hygiene; J. MCKEEN CATTELL, Psychology; DANIEL G. BRINTON, J. W. POWELL, Anthropology; G. BROWN GOODE, Scientific Organization.

FRIDAY, APRIL 24, 1896.

RELATIONS OF GEOLOGIC SCIENCE TO EDUCATION.*

CONTENTS:

<i>The Relation of Geologic Science to Education:</i> N. S. SHALER.....	609
<i>Some Values of Stellar Parallax by the Method of Meridian Transits:</i> A. S. FLINT	617
<i>Ozarkian Epoch—A Suggestion:</i> O. H. HERSHEY.....	620
<i>Organic Markings on Lake Superior Iron Ores:</i> W. S. GRESLEY	622
<i>Food of the Barn Owl:</i> A. K. FISHER.....	623
<i>Current Notes on Anthropology:—</i>	
<i>The Ethnology of Tibet; Researches in American Archaeology; The Alleged Tertiary Man of Burmah; Racial Degeneracy in America:</i> D. G. BRINTON.....	624
<i>Psychological Notes:—</i>	
<i>The Sense of Equilibrium:</i> C. L. F. <i>The Physiological Concomitants of Sensations and Emotions:</i> J. MCK. C.	625
<i>Scientific Notes and News:—</i>	
<i>The Action of the House of Representatives on the Metric Bill; The New Edinburgh Observatory. Occurrence of the Native Wood Rat at Washington, D. C.:</i> VERNON BAILEY. General.....	626
<i>University and Educational News.....</i>	631
<i>Discussion and Correspondence:—</i>	
<i>Certitudes and Illusions:</i> M. <i>Is there more than one kind of Knowledge?</i> W. K. BROOKS. <i>The Retinal Image Once More:</i> W. K. BROOKS. <i>On the Disappearance of Sham Biology from America:</i> CONWAY MACMILLAN. <i>The Prerogatives of a State Geologist:</i> CHARLES R. KEYES. <i>Coin Distortion by Röntgen Rays:</i> FLORIAN CAJORI AND WILLIAM STRIEBY.....	631
<i>Scientific Literature:—</i>	
<i>The Eruptive Sequence:</i> ANDREW C. LAWSON. <i>Robb's Electric Wiring:</i> FRANCIS E. NIPHER.....	635
<i>Scientific Journals:—</i>	
<i>The Auk.....</i>	638
<i>Societies and Academies:—</i>	
<i>The Philosophical Society of Washington:</i> BERNARD R. GREEN. <i>Geological Society of Washington:</i> W. F. MORSELL. <i>The Anthropological Society of Washington:</i> J. H. MCCORMICK. <i>Academy of Natural Sciences of Philadelphia:</i> EDWARD J. NOLAN. <i>New York Academy of Science, Section of Astronomy and Physics:</i> J. F. KEMP. <i>Northwestern University Science Club:</i> A. R. CROOK.....	639

INTRODUCTION.

THE custom has been established which requires the retiring President of this Society, as other societies which have for their purpose the advancement of science, to set forth his views concerning matters related to the interests which the association seeks to promote. This custom evidently rests on the reasonable presumption that the officer during his term of service has been led by his duties to consider how the cause which he represents may be promoted, how its store of truth may be enlarged, and in what manner it may best be made to serve the interests of mankind. This task may be essayed either by a survey of the work which has recently been accomplished in the science, with appropriate comment on the trends and results of the endeavors, or the essayist may restrict his undertaking to some one portion of the field with which he is conversant in the hope that he may be able to present the fruits of his own labors in a way which is likely to be profitable to others. For various reasons I have chosen the latter of these alternatives and have taken for my subject the relations of geological science to education. Under this title I shall not only include those questions

* Annual Address by the President, N. S. Shaler, Read before the Geological Society of America, December 27, 1895.